

Work Order ID 64660

Monday, December 13, 2010 10:31:33 AM

Page 1

Item ID: D3015-7

Accept

Setup Start

Revision ID:

Stop

Item Name: Lock Nut

Start Date: 12/13/2010 Start Qty: 100.00

Cust Item ID:

Required Date: 12/20/2010 Req'd Qty: 100.00

Customer:

Reference:

Approvals:

Process Plan: MUF

Date: 10-12-13

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3015

Rev B

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 13119 ☐ Description: SS locknut with nylon insert ☐ Possible
Supplier: Acklands P/N: PFS LNNM5S1 ☐ Material release note required

CY 10/12/13 (100)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

12/14/10 (100)

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

8/12/16

ccark
(x100)
QSP109

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 64660

Monday, December 13, 2010 10:31:33 AM



Page 2

Item ID: D3015-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Lock Nut

Start Date: 12/13/2010 Start Qty: 100.00



Cust Item ID:

Required Date: 12/20/2010 Req'd Qty: 100.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 31

0.00



Packaging

Memo

0.00

Packaging

01/12/16

(1002)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/12/17

MF
10-12-16

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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* NOTE: Date & initial all entries

Picklist Print

Page 1

Monday, December 13, 2010 10:31:33 AM

Work Order ID: 64660



Parent Item: D3015-7



Parent Item Name: Lock Nut

Start Date: 12/13/2010

Required Date: 12/20/2010

Start Qty: 100.00

Required Qty: 100.00

Comments: IPP: A 01.06.08 New Issue SM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| PFSLNNM5S1 Lock Nut | | Purchased | No | | | 100 | Each | 0.0000 | 1 | 100 | | 12/14/10 | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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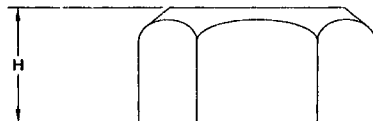
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



#64660

D3015-X LOCKNUT

| PART NUMBER | SIZE | HEIGHT H | POSSIBLE SUPPLIER |
|-------------|-------------|-------------|--------------------------------|
| D3015-1 | 1/4-20 UNC | 0.31 | ACKLANDS, P/N PFSLNNC14S1 |
| D3015-3 | 5/16-18 UNC | 0.34 | ACKLANDS, P/N PFSLNNC516S1 |
| D3015-5 | 7/16-14 UNC | 0.46 | ACKLANDS, P/N PFSLNNC716S1 |
| D3015-7 | M5 | 0.19 | ACKLANDS, P/N FLMN021-005-0000 |



RELEASED
09/07/08

NOTES:

- 1) MATERIAL: SS LOCKNUT WITH NYLON INSERT
- 2) FINISH: N/A
- 3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

| | | | |
|------------|--|----|----------|
| C | REFORMAT DWG. - 7 P/N NOW FLMN021-005-0000 WAS LNNM5S1 (ZN B8-1), PAR 09-020 | CP | 09.07.08 |
| B | ADD D3015-7 | KJ | 03.07.15 |
| A | NEW ISSUE | DS | 01.05.03 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 09.07.08 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3015 REV. C
SHEET 1 OF 1
TITLE LOCKNUT SCALE NTS

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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✓ NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO13119**

Purchase Order Date 12/13/10

PO Print Date 12/13/10

Page Number 1 of 1

Order From :

VC-ACK001

ACKLANDS - GRAINGER INC.
P.O. BOX 2970
WINNIPEG, MB R3C 4B5
CA

| | | | |
|--------------------|--------------|-----------------|---------------------|
| Contact Name | | Buyer | Chantal Lavoie |
| Vendor Phone | 613 632 2739 | Requisition Nbr | |
| Vendor Fax | 613 632 5386 | Tax Resale Nbr | 10127-2607 |
| Vendor Account Nbr | | Terms | Net 30 |
| | | Currency | CAD |
| | | FOB | Destination-Collect |

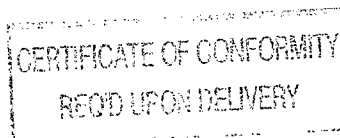
Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CL 10/12/13

| Line Nbr | Reference Revision ID Vendor Part Number | Description/ Mfg ID | Req Date/ Taxable | Req Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|----------|--|-------------------------|----------------------|-----------------------------|-------------|------------------|-------------------|
| 1 | DCS549 * RUSH * | TURN-TO-LOCK CONTROL | 12/15/10 Yes | 3.00 Each | Yours ppd | \$51.3600 | \$154.08 |
| 3 | PFSLNNM5S1 | Lock Nut | 12/15/10 Yes | ✓ 100.00 Each | Yours ppd | \$0.1500 1.08 | \$15.00 |

Special Inst: AS PER DWG D3015 REV. B
B64660
ACKLANDS P/N: PFS LNNM5S1

PO Total: \$169.08



Change Nbr: 1

Change Date: 12/13/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

ACKLANDS – GRAINGER INC.
765 CAMERON ST.
HAWKESBURY ON K6A 2B7
(613) 632-2739

REMIT TO
ENVOYER À

ACKLANDS - GRAINGER INC.
PO BOX 2970

WINNIPEG MB R3C 4B5

**PACKING SLIP ONLY
INVOICE TO FOLLOW**

PACKING SLIP#

1417 0404598

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DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON
K6A 1K7

SHIP TO
EXPEDITE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY **ON**
K6A 1K7

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CUSTOMER COPY**